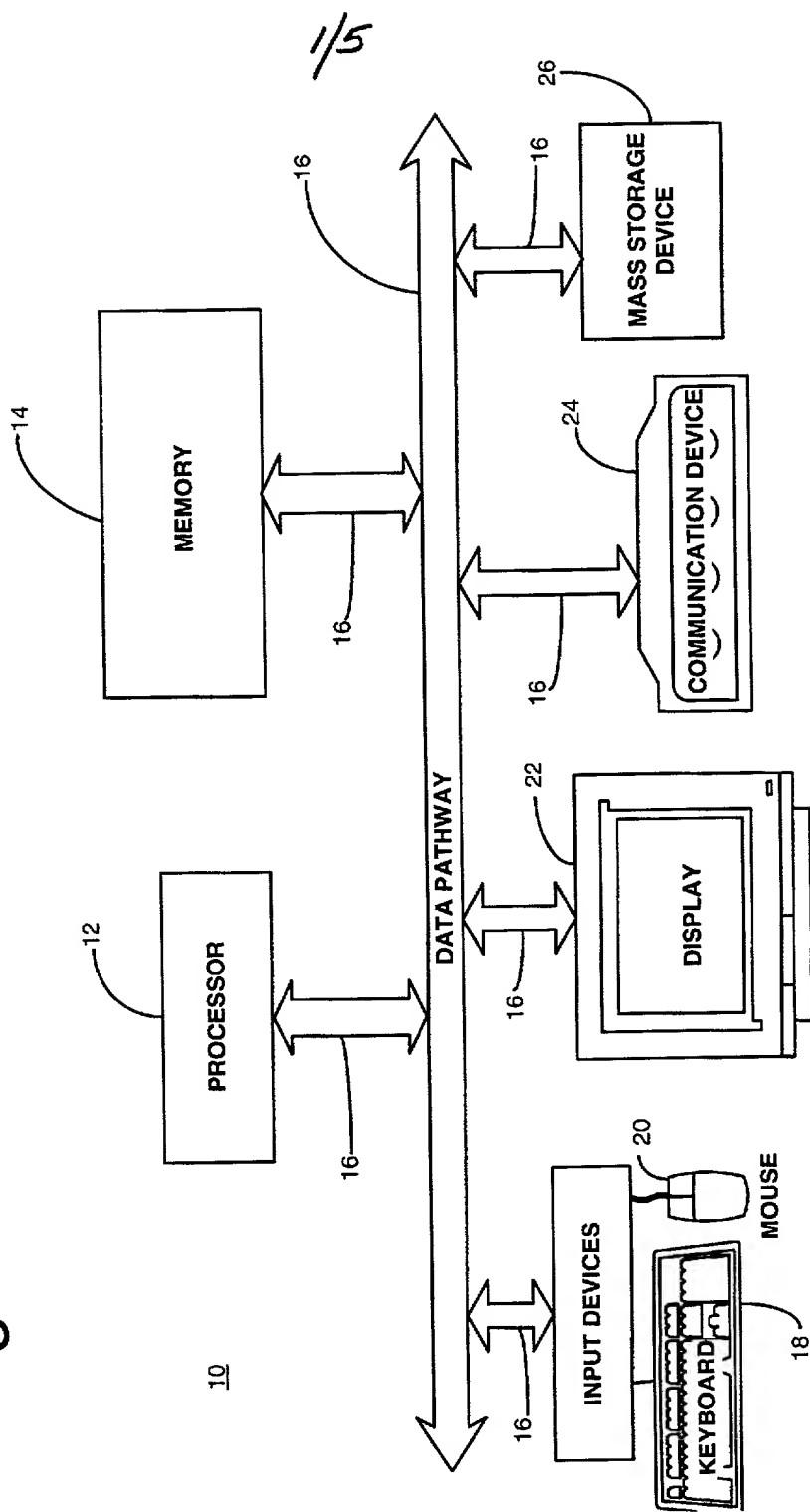


Fig. 1



2/5

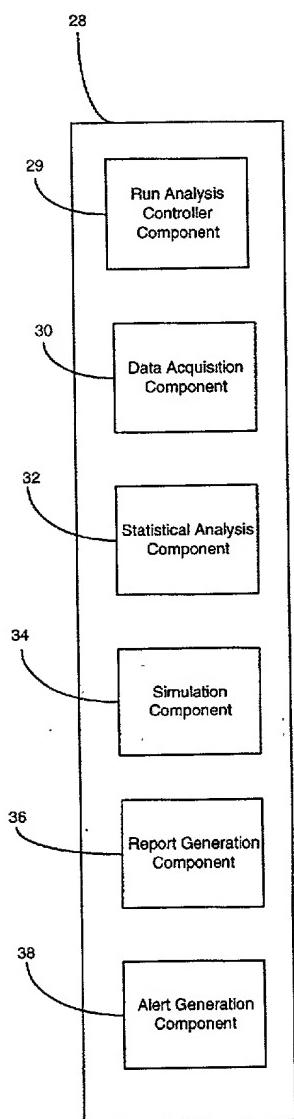


Fig. 2

3/5

40

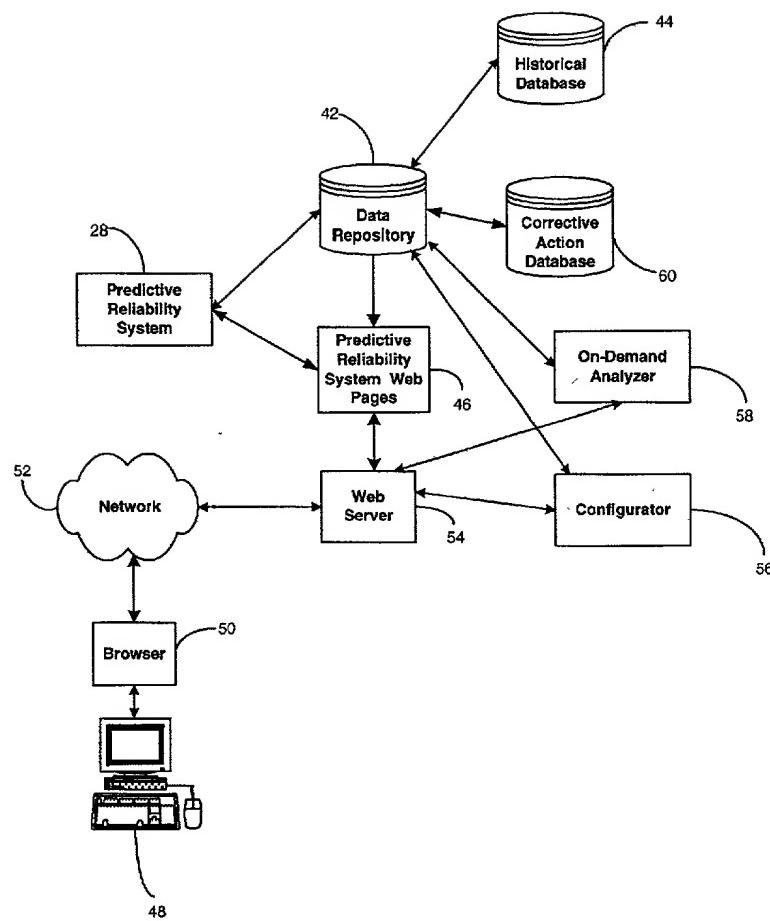


Fig. 3

45

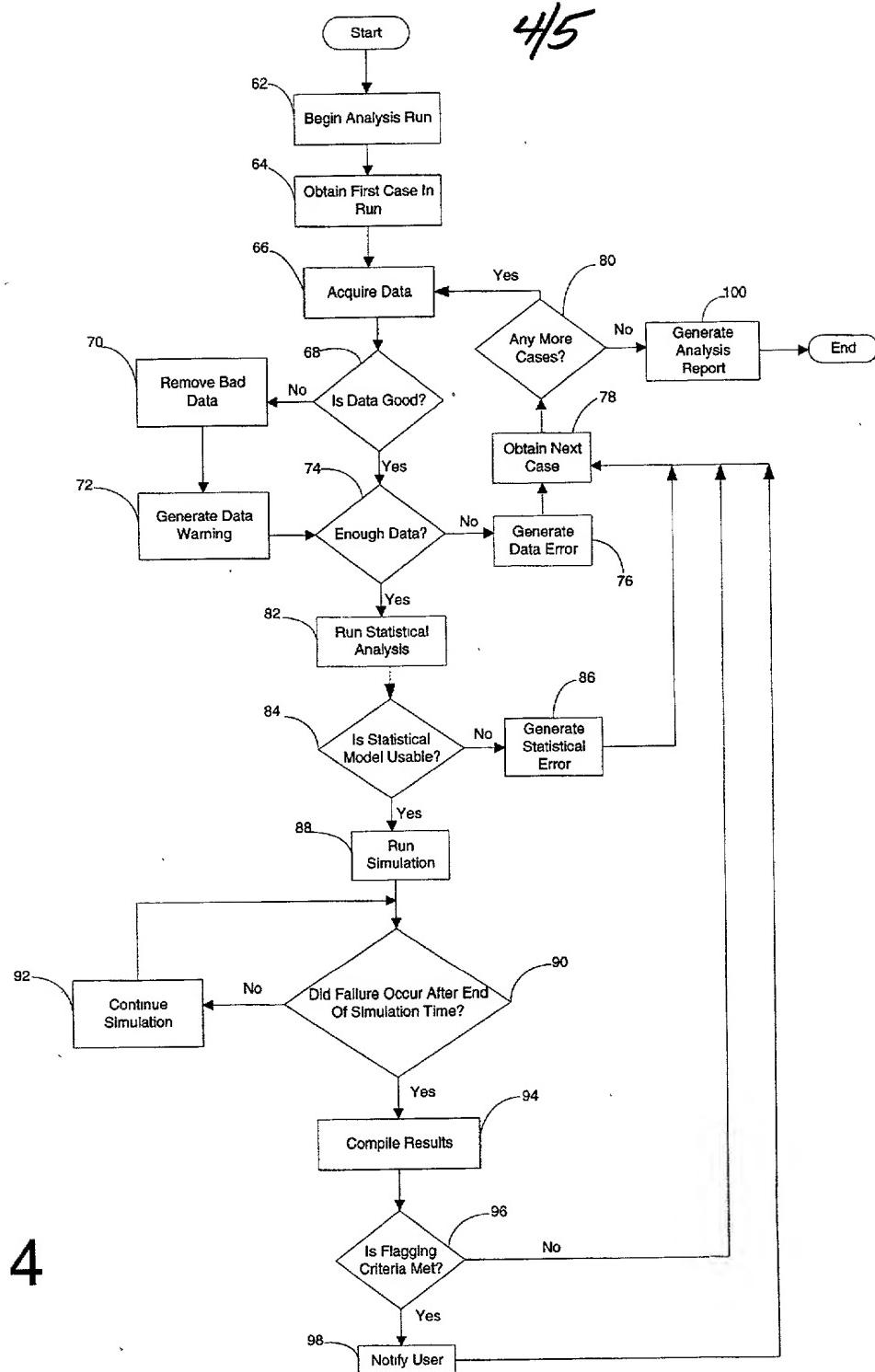


Fig. 4

5/5

OUTPUT OF FLAGGED

Early Warning System	
Data File	C:\My Documents\INTERCOOLERS new\intercooler data.xls
Worksheet	cn_INTECOOLERS new\intercooler data.xls
Workbooks	open data all books no pivot
Customer	CH
Model	D9
Plots	3, 4, & 5
RU Codes	3701
RU Description	Intercooler
Engineering Sub-System	Engine
Data Range	
Start Date	1/1/2000
End Date	1/1/2000
Expectation Inputs	
Expected F/S	0.9115
Simulation Inputs	
Periods	8
Days	180
Number of Life Cycles	8
Number of C2 Iterations	1000
Weibull Parameter Estimates	
beta	1.6
eta	1575.96
Output Summary	
Predictions	Period 1 +Period 2 +Period 3 +Period 4
Failures	19.61 21.66 25.18 24.26
F/S	0.1931 0.2133 0.2281 0.2388
Failure Details	
Period 1 Period 2 Period 3 Period 4	
Failures	19.61 21.66 25.18 24.26
Lower 5%	12.00 15.00 15.00 17.00
Upper 5%	27.00 29.00 31.00 32.00
F/S Details	
Period 1 Period 2 Period 3 Period 4	
F/S	0.1931 0.2133 0.2281 0.2388
Lower 5%	0.1181 0.1477 0.1477 0.1613
Upper 5%	0.2659 0.2851 0.3001 0.3150

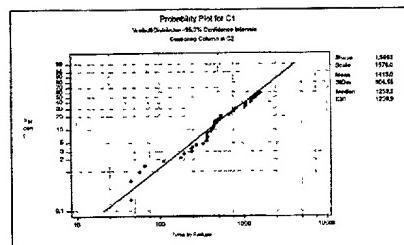
Recap
Input
Data

Weibull
Parameters

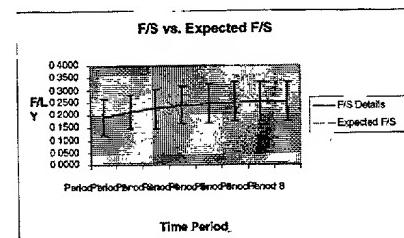
Time
Period

Failures

Failure/System



WeibullPlot



Predictions v.s. Expected over

Fig. 5